

Date: Mon, 27 Jun 94 04:30:35 PDT  
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>  
Errors-To: Ham-Homebrew-Errors@UCSD.Edu  
Reply-To: Ham-Homebrew@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Homebrew Digest V94 #175  
To: Ham-Homebrew

Ham-Homebrew Digest                      Mon, 27 Jun 94                      Volume 94 : Issue 175

Today's Topics:

                    28Mhz PLL Source Wanted  
          HELP: Audio problems in Yaesu FT727R HT  
                    Realistic (RS) scanner mods

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>  
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 26 Jun 1994 21:57:40 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!  
grapevine.lcs.mit.edu!chaos.dac.neu.edu!chaos.dac!dean@network.ucsd.edu  
Subject: 28Mhz PLL Source Wanted  
To: ham-homebrew@ucsd.edu

Hi:

Does anyone know of a PLL (part #, and source for it) that will work  
at 28Mhz? I am working on a Rx design, and I need a low cost part. Thanks!

-Dean  
  
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Date: 26 Jun 1994 17:54:56 -0400  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!spool.mu.edu!bloom-  
beacon.mit.edu!ai-lab!bronze.lcs.mit.edu!not-for-mail@network.ucsd.edu  
Subject: HELP: Audio problems in Yaesu FT727R HT  
To: ham-homebrew@ucsd.edu

I've a problem with a Yaesu FT727R HT I recently brought back to service. It has intermittently lost its audio. When I first turned it on after repairs, the radio made a brief motorboating sound, then the audio seems to cut out (radio CPU still works and the Busy light still indicates open squelch). There *\*is\** audio when this happens, but it's *\*very\** faint. There is a tone board (Yaesu's) installed, and it is also nonfunctional (radio just beeps when I try to invoke the encoder).

The first time this happened, I was able to turn the radio off and on and normal audio would come back (tone board still didn't work). Now after several hours of this, the audio does *\*not\** return.

A month ago, I experienced these symptoms and replaced the audio output transistor, a 2SB772; a new transistor is in place now, but the problem persists. I have a thought that perhaps the fault is killing the transistor; I hope not. The tone card might be squelching the audio, since it supports tone decode as well as encode.

This is an old HT, and has been under repair several times. I'm reaching the point of no return, but would really appreciate any advice on this, especially from 727 owners (\_besides\_ "Buy a new radio!" :)).

Thanks and 73's, Dave, N1KGH

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Date: 26 Jun 94 22:05:42 CST

From: ihnp4.ucsd.edu!agate!spool.mu.edu!news.clark.edu!netnews.nwnet.net!

ns1.nodak.edu!news.uoknor.edu!news.ualr.edu!eivax.ualr.edu!heiss@network.ucsd.edu

Subject: Realistic (RS) scanner mods

To: ham-homebrew@ucsd.edu

Hi ALL:

I have a Realistic PRO-2023 programmable scanner. I would like to modify it for operation on 6, 10, 12, ... meters. I think 6 and 10 should be fairly easy since it's right on the edge, I'm not sure about the rest. Anyone recommendations would be appreciated.

thanks--

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End of Ham-Homebrew Digest V94 #175

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